

## SAMPLING TRIP REPORT

**SITE NAME:** Desoto Incorporated  
DCN: START-02-F-04459  
TDD #: 02-99-08-0092

**EPA I.D. NO.:** NJD005440342

**SAMPLING DATE:** 22 and 23 June 2000

1. Site Location: Refer to Figure 1
2. Sample Locations: Refer to Figure 2
3. Sample Descriptions: Refer to Table 1
4. Laboratories Receiving Samples:

<u>Sample Type</u>	<u>Name and Address of Laboratory</u>
Target Compound List (TCL) Organics	Compuchem Environmental Corp. 501 Madison Avenue Cary, North Carolina 27513 Attn: Mike Pearce
Target Analyte List (TAL) Metals (excluding cyanide)	Compuchem Environmental Corp. 501 Madison Avenue Cary, North Carolina 27513 Attn: Mike Pearce

5. Sample Dispatch Data:

Five groundwater samples (four samples from monitoring wells and one grab sample from location SB-1), one duplicate sample, one matrix spike/matrix spike duplicate (MS/MSD) sample, one rinsate blank and two trip blanks were collected. In addition, ten soil samples were collected. Two of the proposed twelve soil samples were not collected. The sample locations and deviations to the Site QA Project Plan are provided below:

- Sample SB-1B was collected however it was labeled as SB-1C. The sample SB-1C according to the original QA Project plan was not collected because high PID readings were not detected at the background location.

200063



- Sample SB-2B was not collected because the geoprobe rig was not able to drill to the groundwater table.
- Sample GW-2 was not collected because the geoprobe rig was not able to drill deep enough into the aquifer to obtain a groundwater sample.
- Sample GW-3 was not collected because the geoprobe rig was not able to drill deep enough into the aquifer to obtain a groundwater sample
- Sample GW-4 was not collected because the geoprobe rig was not able to drill deep enough into the aquifer to obtain a groundwater sample

All samples were shipped to Compuchem Environmental Corporation and analyzed for TCL volatile organic compounds (VOC), base/neutral and acid extractable organics (BNA), pesticides, polychlorinated biphenyls (PCBs) and TAL metals. The trip blanks was also shipped to Compuchem for TCL VOC analysis. The samples were shipped on 22 and 23 June 2000 at 1700 and 1640 hours, respectively via Federal Express (Airbill numbers 4955288704, 4955288741, 4955288763, 4955288774 and 4955288752).

6. On-Site Personnel:

<u>Name</u>	<u>Company</u>	<u>Duties on Site</u>
James Moore	Region II START	Asst. Project Manager/SMO
Jess Anderson	Region II START	Field Support/Sampler
Gerry Alfano	Region II START	Sampler

7. Additional Comments:

On 22 and 23 June 2000, the Region II Superfund Technical Assessment and Response Team (START) collected soil and groundwater samples from the Desoto, Inc. site. These samples were collection as part of the Site Investigation Prioritization (SIP). Samples were analyzed for TCL and TAL, excluding cyanide, parameters through a non-Contract Laboratory Program. Due to subsurface geologic conditions (a gravel layer at a depth of approximately 25 to 30 feet below ground surface) three of the four grab water samples could not be collected. These locations correspond to SB-2, SB-3 and SB-4. The Chain of Custody Records for organics and inorganics, are attached.

8. Report prepared by: James T. Moore Date: 30 June 00

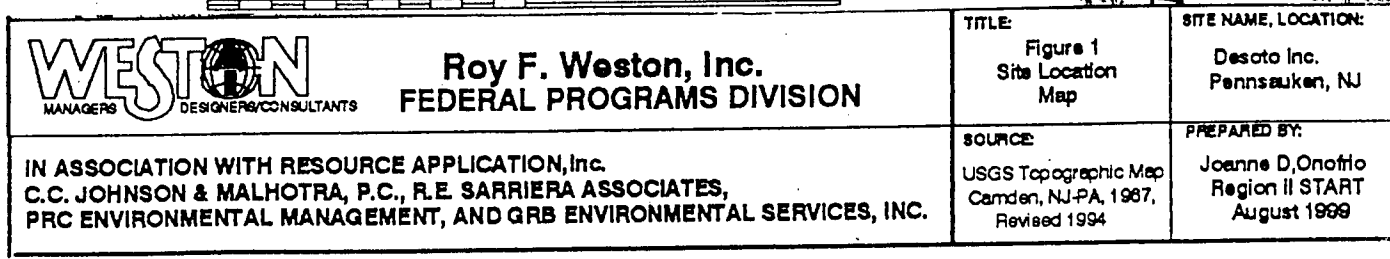
9. Report approved by: W. S. Butterfield, CHMM Date: 30 June 00

Table 1  
Sampling Location and Rationale  
Desoto Incorporated







Sample Identification	Sample Matrix	Sample Date	Sample Time	Sample Depth (Approx. in Feet)	Comments or Rationale
6755-SB-1A	Soil	6/22/00	0925	1 - 4	Background soil sample collected from the western portion of the Desoto property in an area deemed to be free from impact of site activities.
6755-SB-1C	Soil	6/22/00	0950	30-32	Background soil sample with highest PID reading.
6755-GW-7	Water	6/22/00	1030	NA	Background grab water sample.
6755-SB-2A	Soil	6/22/00	1235	7 - 8	Grab soil sample near the bottom of the clarifier tank to determine the impact on groundwater.
6755-SB-2C	Soil	6/22/00	1345	22 - 24	Grab soil sample with highest PID reading.
6755-SB-3A	Soil	6/22/00	1545	5 - 6	Grab soil sample at the former UST farm to determine the impact to groundwater
6755-SB-3B	Soil	6/22/00	1515	NA	Grab soil sample at the groundwater table.
6755-SB-3C	Soil	6/23/00	0810	5 - 6	Grab soil sample with highest PID reading.
6755-SB-4A	Soil	6/23/00	0820	1 - 4	Grab soil sample collected in the former aboveground solvent waste storage tank area to determine the impact to groundwater.
6755-SB-4B	Soil	6/23/00	0840	1 - 4	Grab soil sample at the groundwater table.
6755-SB-4C	Soil	6/23/00	1010	28 - 32	Grab soil sample with highest PID reading.
6755-MW-7 MS/MSD	Water	6/22/00	1235	NA	Background monitoring well water sample and MS/MSD
6755-MW-8	Water	6/22/00	1400	NA	Background monitoring well water sample to determine background water quality.
6755-MW-14	Water	6/22/00	1520	NA	Background monitoring well water sample to determine background water quality.
6755-MW-15	Water	6/22/00	1050	NA	Background monitoring well water sample to determine background water quality.
6755-MW-7D	Water	6/22/00	1255	NA	Duplicate background monitoring well water sample.
6755-RB-1	Water	6/22/00	1100	NA	Field or rinsate blank sample
6755-TB-1	Water	6/22/00	0800	NA	Trip blank
6755-TB-2	Water	6/23/00	0745	NA	Trip blank

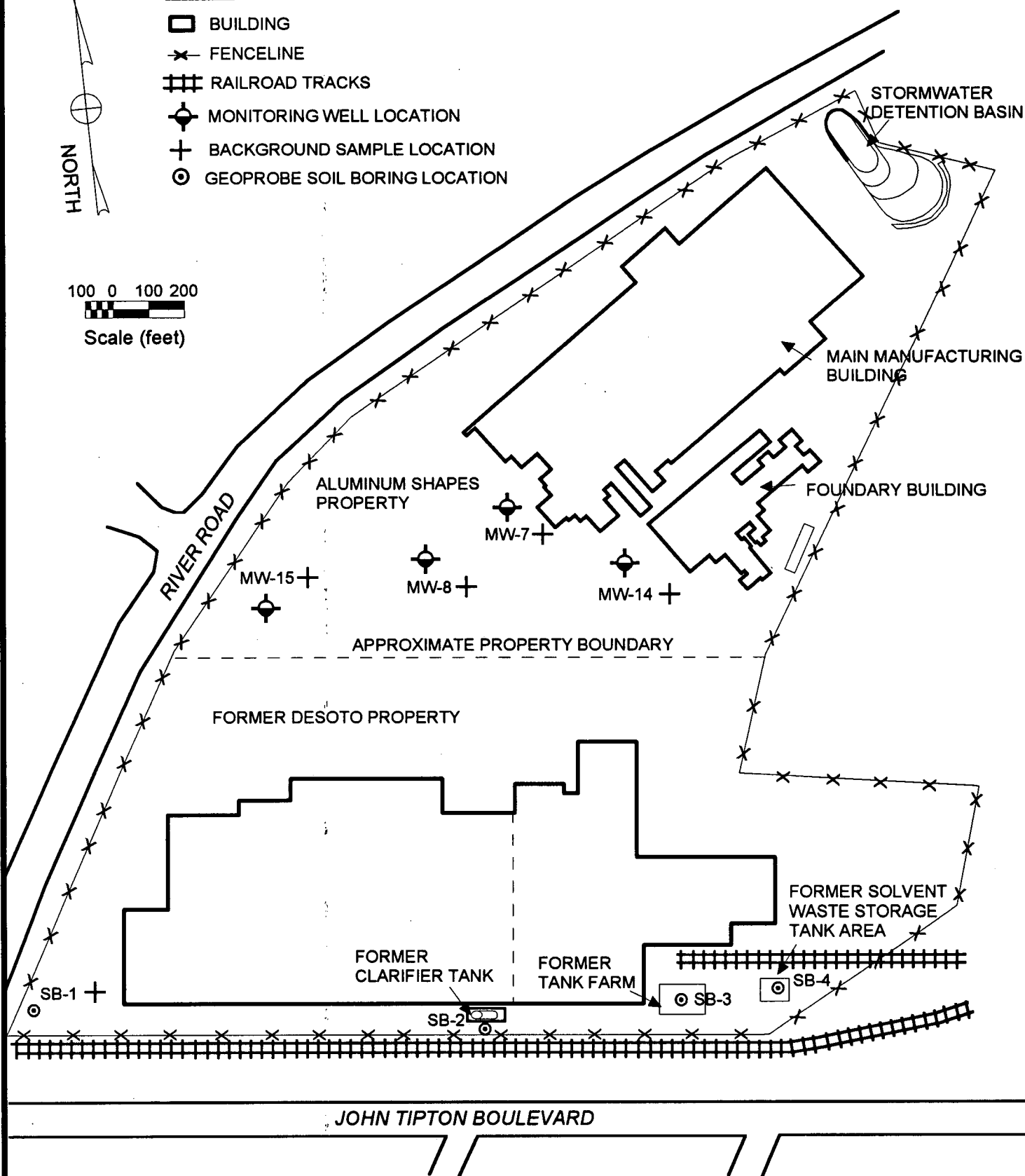
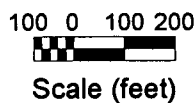
**FIGURES 1 AND 2**

**WELL AND SOIL BORING LOCATION MAP**



# LEGEND

-  BUILDING
-  FENCELINE
-  RAILROAD TRACKS
-  MONITORING WELL LOCATION
-  BACKGROUND SAMPLE LOCATION
-  GEOPROBE SOIL BORING LOCATION



Roy F. Weston, Inc.  
FEDERAL PROGRAMS DIVISION

IN ASSOCIATION WITH RESOURCE APPLICATION, INC.,  
C. C. JOHNSON & MALHOTRA, P.C. R.E. SARRIERA ASSOCIATES,  
TETRATECH INC., AND GRB ENVIRONMENTAL SERVICES, INC.

DESOTO, INC. SITE

EPA TM START PM  
C. MOYIK J. D'ONOFRIO

FIGURE 2  
SAMPLE LOCATION MAP

**ATTACHMENT**  
**CHAIN OF CUSTODY RECORDS**

No.: 6788  
 No.: 0014404

# CHAIN OF CUSTODY RECORD



**SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM**  
 EPA CONTRACT 68-W5-0019  
 Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinseate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Verbal and written results to: **Roy F. Weston, Inc., USEPA Region II START**  
 Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703  
 Attention: Smits Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS						ICRA ANALYSIS			Full	OTHER
						VOA	RNA	PEST	PCBs	TAL	CN	IGN	COR	REAC	TCLP	
55-GW-MW	06/22/00/1520	2	L	G		X	X	X	X	X	X					TAL METERS PRESERVED w/HADs
55-GW-MW	06/22/00/1400	2	L	G		X	X	X	X	X	X					
55-GW-MW	06/22/00/10:05	2	L	G		X	X	X	X	X	X					
55-GW-MW	06/22/00/1235	2	L	G		X	X	X	X	X	X					
55-RB-1	06/22/00/1100	2	L	G		X	X	X	X	X	X					
55-TB-1	06/22/00/0800	2	L	G		X	X									
55-GW-MW	06/22/00/1255	2	L	G		X	X	X	X	X	X					
55-SS-1A	6/22/00/0925	5	L	G		X	X	X	X	X	X					
55-SS-1C	6/22/00/0950	5	L	G		X	X	X	X	X	X					
55-SS-2A	6/22/00/1235	5	L	G		X	X	X	X	X	X					
55-SS-3A	6/22/00/1545	5	L	G		X	X	X	X	X	X					
55-SS-3B	6/22/00/1515	5	L	G		X	X	X	X	X	X					
55-SS-2C	6/22/00/1345	5	L	G		X	X	X	X	X	X					

Person Assuming Responsibility for Sample: **James T. Moore (732) 417-5858**  
 Time: 6/22/00 Date (MM/DD/YY): 6/22/00

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody





# CHAIN OF CUSTODY RECORD

6788

No. 2

0014464



**SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM**

**EPA CONTRACT 68-W5-0019**

**Phone: 908-225-6116 Fax: 908-225-7037**

**Matrix Box No.:**

1. Surface Water
2. Ground Water
3. Leachate
4. Rinseate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify

**Preservative Box No.:**

1. HCl
2. HNO<sub>3</sub>
3. Na<sub>2</sub>SO<sub>4</sub>
4. H<sub>2</sub>SO<sub>4</sub>
5. Other (Specify)
6. Ice Only
- N. Not Preserved

Send verbal and written results to:

**Roy F. Weston, Inc., USEPA Region II START**

**Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703**

**Attention: Smita Sumbaly, START Analytical Coordinator**

[illegible]

**Person Assuming Responsibility for Sample:**

Jane T. Moore (732) 417-5858

Time

Date (MM/DD/YY)

6/22/00

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

**y F. Weston, Inc.**

**DERAL PROGRAMS DIVISION**

consulting with Deconora Applications, Inc., R R Carriers Associates, PDC Environmental Management

## **LIST OF ATTACHMENTS**

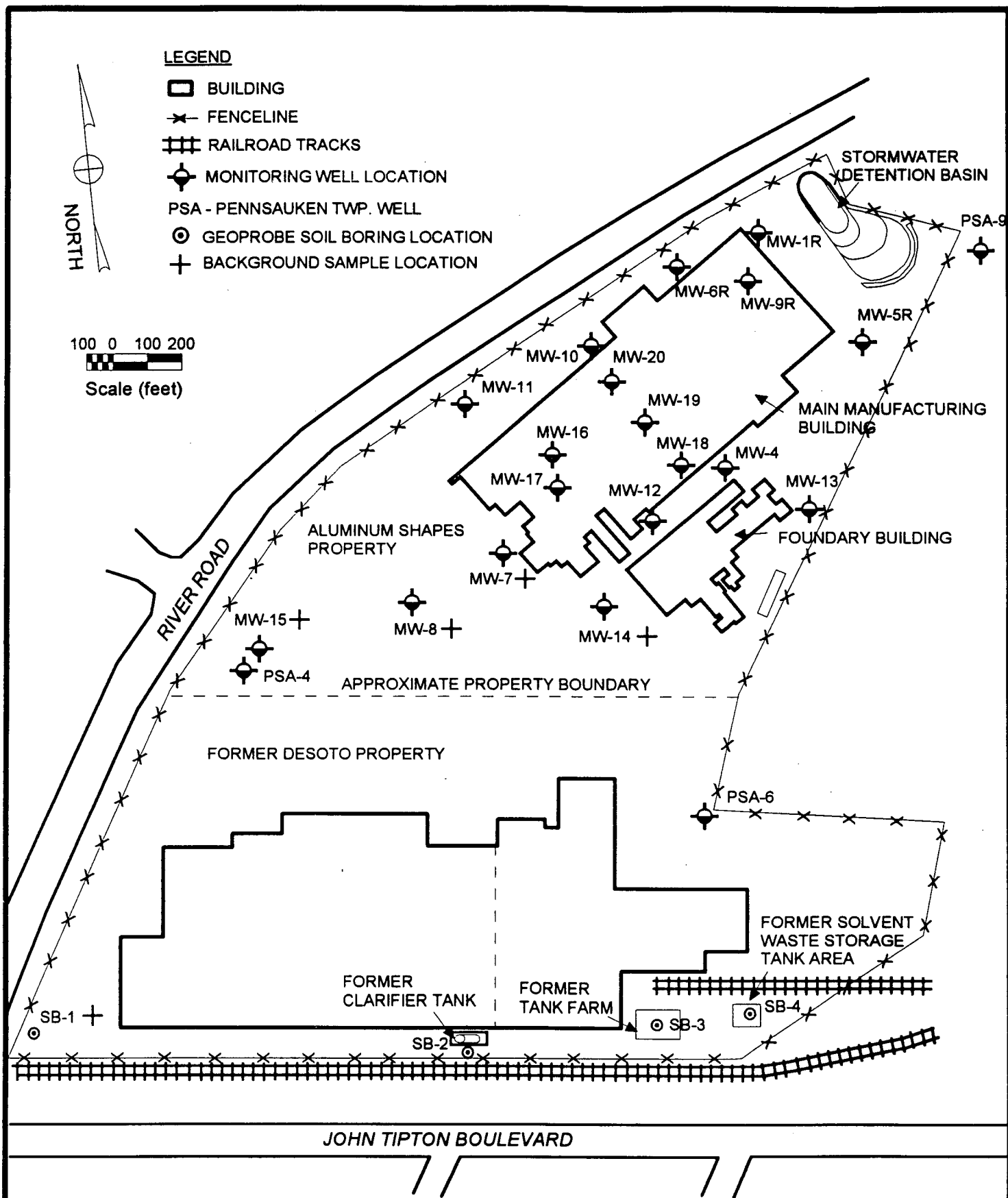
**ATTACHMENT A:**        Site Location Map, and Sample Location Map

**ATTACHMENT B:**        EPA/ERT SOP Nos. 2006, 2007, 2012, 2050

**TABLE 4  
PROPOSED SAMPLING**

Sample Location	Sample Identification	Sample Matrix	Sample Depth (approx.)	Description and Rationale
SB-1	SS-1A	Soil	1 to 4 ft bgs	Background soil sample collected from the western portion of the Desoto property in an area deemed to be free from impact of site activities.
SB-1	SS-1B	Soil	NA	Background soil sample collected at the groundwater table.
SB-1	SS-1C	Soil	NA	Background soil sample with the highest PID reading.
SB-1	GW-1	Aqueous	40 to 60 ft bgs	Background grab water sample.
SB-2	SS-2A	Soil	6 to 10 ft bgs	Grab soil sample collected near the bottom of the former clarifier tank to determine impact to groundwater.
SB-2	SS-2B	Soil	NA	Grab soil sample at the ground water table.
SB-2	SS-2C	Soil	NA	Grab soil sample with the highest PID reading.
SB-2	GW-2	Aqueous	40 to 60 ft bgs	Grab water sample.
SB-3	SS-3A	Soil	6 to 10 ft bgs	Grab soil sample collected in the former underground storage tank farm to determine impact to groundwater.
SB-3	SS-3B	Soil	NA	Grab soil sample at the ground water table.
SB-3	SS-3C	Soil	NA	Grab soil sample with the highest PID reading.
SB-3	GW-3	Aqueous	40 to 60 ft bgs	Grab water sample.
SB-4	SS-4A	Soil	1 to 4 ft bgs	Grab soil sample collected in the former aboveground solvent waste storage tank area to determine impact to groundwater.
SB-4	SS-4B	Soil	NA	Grab soil sample at the ground water table.
SB-4	SS-4C	Soil	NA	Grab soil sample with the highest PID reading.
SB-4	GW-4	Aqueous	40 to 60 ft bgs	Grab water sample.
MW-7	MW-7	Aqueous	NA	Background monitoring well water sample to determine background groundwater quality.
MW-8	MW-8	Aqueous	NA	Background monitoring well water sample to determine background groundwater quality.
MW-14	MW-14	Aqueous	NA	Background monitoring well water sample to determine background groundwater quality.
MW-15	MW-15	Aqueous	NA	Background monitoring well water sample to determine background groundwater quality.

Note: NA - Not Applicable



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FIGURE 2  
SAMPLE LOCATION MAP